

ABSTRACT OF THE DISCLOSURE

The invention concerns a print robot for large format three-dimensional printing on a fixed surface
5 (11) having five motorized axes, comprising an inkjet printing block (13), means for displacing and orientating this printing assembly along several axes, at least one control unit controlling these means and a drying device to dry the ink sprayed onto said surface
10 (11), wherein these means comprise:

- a carrier (15) with three degrees of freedom in translation, ensuring the positioning of the printing assembly allowing its horizontal, vertical and depth translation,
- 15 - a wrist (16) with two degrees of freedom which supports and orientates the printing assembly (13) allowing its rotations along two perpendicular axes.

The invention also concerns a process implementing this robot.

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Fig 1